

1. A quonset type parachute for providing a parachute with novel performance capabilities along with conservative fabrication costs. comprising:

means for providing drag or lift;

means for providing novel geometry to the canopy assembly and contributing half the area of each canopy segment;

means for incorporating correct inverted-gore geometry into the canopy assembly;

means for inhibiting transverse airflow from the canopy interior;

means for structurally connecting the canopy assembly to the riser assembly;

means for structurally connecting the suspension lines to a suspended mass and provide a steering means;
and

means for joining elements and providing structural reinforcement to the canopy.

2. The quonset type parachute in accordance with claim 1,

wherein said means for providing drag or lift comprises a canopy assembly.

3. The quonset type parachute in accordance with claim 1, wherein said means for providing novel geometry to the canopy assembly and contributing half the area of each canopy segment comprises an inverted-gore.

4. The quonset type parachute in accordance with claim 1, wherein said means for incorporating correct inverted-gore geometry into the canopy assembly comprises a canopy segment.

5. The quonset type parachute in accordance with claim 1, wherein said means for inhibiting transverse airflow from the canopy interior comprises an end panel.

6. The quonset type parachute in accordance with claim 1, wherein said means for structurally connecting the canopy assembly to the riser assembly comprises a suspension line.

7. The quonset type parachute in accordance with claim 1, wherein said means for structurally connecting the suspension lines to a suspended mass and provide a steering means comprises a slip-riser assembly.

8. The quonset type parachute in accordance with claim 1, wherein said means for joining elements and providing structural reinforcement to the canopy comprises a longitudinal seam.

9. A quonset type parachute for providing a parachute with novel performance capabilities along with conservative fabrication costs. comprising:

a canopy assembly, for providing drag or lift;

an inverted-gore, for providing novel geometry to the canopy assembly and contributing half the area of each canopy segment;

a canopy segment, for incorporating correct inverted-gore geometry into the canopy assembly;

an end panel, for inhibiting transverse airflow from the canopy interior;

a suspension line, for structurally connecting the canopy assembly to the riser assembly;

a slip-riser assembly, for structurally connecting the suspension lines to a suspended mass and provide a steering means; and

a longitudinal seam, for joining elements and providing structural reinforcement to the canopy.